SAMPLING TRIP REPORT

SITE NAME: Buffalo Weaving & Belting
TDD #: 02-03-04-0009
DCN #: RST-02-F-01099

EPA I.D. NO.: TU

SAMPLING DATES: April 22-July 15, 2003

1. **Site Location:** 204-260 Chandler St., Buffalo, Erie County, New York (attachment 1)

2. **Sample Descriptions:** Air Samples for Asbestos, Bulk Asbestos Samples

3. **Laboratory Receiving Samples:**

Sample Type	Name/Address of Laboratory	Parameters
Air Samples for Asbestos, Bulk Asbestos samples	EMSL 490 Rowley Rd Depew NY	Asbestos (PCM, PLM, TEM)

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4. **Sample Dispatch Data:** A total of 6 bulk samples and 448 air samples were hand -delivered daily to the EMSL laboratory in Depew, NY. The chain of custody records for all of the samples are included in the daily summary reports that are available online at www.EPAOSCnet.com.

5. **Personnel on Site:**

Name	Affiliation	Duties on-site
Kevin Matheis	U.S. EPA -Region II	On-Scene Coordinator
Howard M. Syvarth	WESTON Solutions Region II-RST	Site Project Manager, Site QC
Steve Cannon	WESTON Solutions Region II-RST	Site Safety Officer, Sampler
Russell Moult	WESTON Solutions Region II-RST	Sampler
Carrie Shaprio	WESTON Solutions Region II-RST	Sampler

6. **Additional Comments**: RST arrived on-site Tuesday April 22nd and met with the OSC. The RST team performed an initial LEVEL B entry, conducted air monitoring and collected two bulk samples for asbestos from the unburned portion of the structure. On April 22nd five initial air sampling locations around the perimeter of the burned area were established. On April 23rd, seven air sampling stations were established on the perimeter of the entire facility. On April 24th, RST assisted the Emergency and Rapid Response Services (ERRS) contractor in assessing the non-fire damaged portion of the complex. A LEVEL C entry was made to perform the initial assessment of the unburned portion of the facility. Photo-documentation of the interior of the site was conducted. Based upon the air monitoring results, all subsequent entries into the unburned portion of the building were performed in LEVEL D.

Exterior air sampling was conducted on a daily basis regardless of the weather conditions until May 2, 2003. Air sampling for particulate matter, especially asbestos is not typically performed in the rain. Rain washes these materials out of the atmosphere, thus skewing the results lower. During this period of sampling, two samples required Transmition Electron Microscopy (TEM) methodology confirmation. These samples were negative for asbestos fibers. All other samples were below the Limit of Detection (LOD) for the Phase Contrast Microscopy (PCM) methodology. After May 2nd, perimeter air sampling was reduced to five days a week. No other air samples collected during the remainder of field activities required TEM confirmation analysis.

On April 30th and May 1st, 2003, interior air samples were collected for asbestos. These samples were collected to demonstrate that this portion of the site was not contributing to any potential airborne asbestos that may be found in the exterior air samples. The locations were selected at random. This was done to simulate the nature of the airflow through the structure on any given day. These samples collected when no activity was occurring. The sample results were also below the LOD for the PCM methodology.

A meteorological station was established on site to provide micro-climatological data such as wind speed and direction. In addition, parameters such as daily rain fall, barometric pressure were also measured. As requested by the OSC, a daily summary package consisting of a synopsis of the previous day's analytical results, weather conditions, sampling locations and a brief summary of activities were delivered and reviewed by the EPA OSC prior to uploading to the EPAOSC.net web site by RST.

Dismantling of the fire damaged portion of the facility began during the week of May 5th. The air sampling locations along Chandler St. were modified to reflect the need to operate heavy machinery around the structure. Station # 6 along the rear (railroad side of property) was moved as a result of the shifting of the barrier fence (see sample location map, attachment 2). During the initial dismantling, the high volume air samplers were placed into a man-lift above the area being taken down. The sample results from the lab indicated that theses samples were either overloaded or were damaged in handling.

The sampling strategy remained consistent for the duration of the months of May, June and July. The locations along Chandler Street were moved back to reflect the progress in the dismantling of the fire-damaged structure.

In accordance with the site Quality Assurance Project Plan (QAPP), duplicate samples were collected at a frequency of one per every twenty samples. The designation given to the duplicate sample was Station 8. In order to maintain the representative nature of the duplicate sample, the location was rotated to each of the seven perimeter locations. A total of 448 samples were submitted to the laboratory for airborne asbestos analysis. This number includes all quality control samples such as blanks and duplicates.

During the dismantling process, the dust suppression procedures utilized by the EERS contractor kept the dust levels along the perimeter significantly lower than the NIOSH standard. The particulate monitoring with the MIE DR-2000 results indicated that during the dismantling process, the perimeter results remained below one-half of the NIOSH standard value for total nuisance dusts of 15 mg/m^3.

During the entire dismantling process, RST conducted photo-documentation of site activities.

7. **Weather Conditions**: The weather conditions varied greatly during the course of the response. The exact weather conditions for any given day can be found at the www.EPAOSC.net. web page.

8. **Report Prepared by:**

Howard M. Syvarth
Site Project Manager

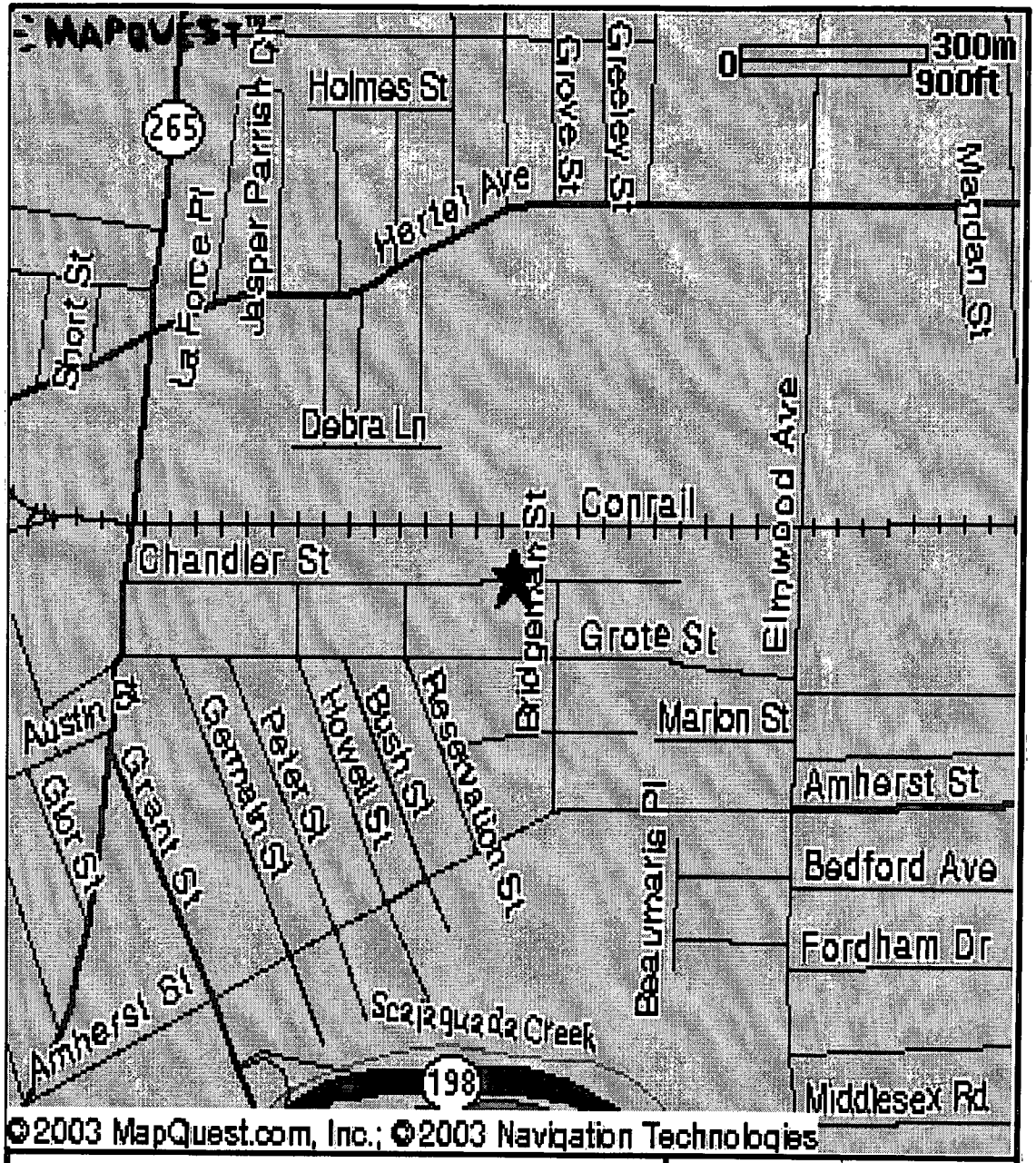
Date: 8/4/03

9. **Report Reviewed by:**

Christoph Stannik
RST Group Leader

Date: 8/4/03

ATTACHMENT 1



WESTON Solutions, Inc. FEDERAL PROGRAMS DIVISION	EPA OSC K. Matheis	Buffalo Weaving and Belting
IN ASSOCIATION WITH Scientific and Environmental Associates, Inc., Innovative Technological Solutions, Inc., Resource Applications, Inc., and GRB Environmental, Inc.	RST Site PM H.Syvarth	Figure 1: Site Map

ATTACHMENT 2

Air Sampling Locations for Asbestos
Buffalo Weaving and Belting
Buffalo NY